

REMARKS/ARGUMENTS

Reconsideration of this application is respectfully requested.

In response to the Restriction Requirement finding that Applicant has claimed two patentably distinct inventions (i.e., neither one of which is made “obvious” in view of the other under 35 U.S.C. §103), Applicant hereby confirm the election of patentably distinct invention I comprising claims 1-5.

The Examiner is thanked for noting a typographical error in the specification at page 11, line 8. This error has been corrected along with other changes in format to the Abstract and specification and claims so as to put this application into more traditional U.S. format.

Accordingly, all outstanding formal issues are now believed to have been resolved in the Applicant’s favor.

The rejection of claims 1-5 under 35 U.S.C. §103 as allegedly being made “obvious” based on Schneider ‘871 in view of Bossemeyer ‘004 is respectfully traversed.

In paragraph 8 of the Office Action, the Examiner correctly recognizes that Schneider fails to disclose the integer of claim 1 directed to a packet switcher operative to perform packet switching on IP packets arriving from the base station connected to the subscriber unit and including routing IP packets for hosts other than a telephone host to those hosts and routing IP packets for the telephone host to the analog converter. However, this is not the only feature of claim 1 that is not disclosed by Schneider.

The Examiner contends that the analog converter of the subscriber unit of the Applicant’s claimed invention is anticipated by the speech decoder 108 of the digital telephone illustrated in Figure 3 of Schneider. The Examiner makes reference to column 14, lines 51-55 and column 11, lines 1-5 of Schneider in this regard.

However, column 14, lines 51-55 of Schneider discloses only that the speech decoder 108 of the digital telephone has a function equivalent to the digital to analog converter 210 of the mobile switching center of Figure 7. In particular, the speech decoder 108 is operable to generate analog speech signals from a *digital voice sample*. This passage of Schneider does not disclose an analog converter operative to translate incoming information in *IP packet format* into an analog voice representation as required by claim 1 of the present application. This is because a digital voice sample is not equivalent to an IP packet format. This is clear from column 11, lines 5-7 of Schneider, which teaches that the gateway interface 74 of Figure 2 is operable to packetize the digital speech samples as represented by the output of the speech decoder 120. Similarly, Schneider does not disclose that the analog converter is operable to translate incoming analog voice information into “*IP packet formatted information*” as specified by claim 1. In this regard, the Examiner makes reference to column 10, lines 40-42 of Schneider, but this passage merely discloses that a modulated wireless signal carrying encoding digital samples is output to an antenna 90 of the digital wireless telephone of Figure 3.

The Examiner contends that the mobile switching center 62 of Figure 2 of Schneider corresponds to the PSTN gateway unit on claim 1. The Examiner further asserts that Schneider discloses the feature of the last clause of claim 1 whereby the gateway unit is operative to switch incoming data packets onto the data network to translate incoming voice packets from IP packet format into analog voice representation and to switch the analog voice representation onto the PSTN. The Examiner considers that column 13, lines 55-66 and column 14, lines 39-41 to Schneider disclose this feature.

However, although these passages of Schneider disclose that the mobile switching center (MSC) 52 performs switching, they do not disclose that the switching involves data packets.

In relation to the feature of claim 1 whereby the gateway unit is operable to “*translate incoming voice packets from IP packet format into analog voice representation*,” the Examiner makes reference to column 14, lines 45-49 of Schneider. This passage of Schneider discloses that the mobile switching center includes a transcoder that “converts the digital voice samples into an appropriate format for transmission to the PSTN.” As explained above, the digital voice samples are not the counterpart of voice packets in an IP packet format. Thus, it is clear that Schneider does not in fact disclose the subject matter of the last clause of claim 1.

As explained in detail above, Schneider does not disclose at least any one of the following features of claim 1:

- (a) the analog converter of the subscriber unit;
- (b) the packet switcher of the subscriber unit; or
- (c) the fact that the gateway unit (which the Examiner asserts is equivalent to MSC 52 of Schneider) is operative to translate incoming voice packets from IP packet format into an analog representation.

The Examiner asserts that Bossemeyer discloses the packet switcher of claim 1.

However, this is not the case. In this regard, the Examiner makes reference to paragraph 37 of page 3 of Bossemeyer and equates the switch 52 of Figure 4 of Bossemeyer with the packet switcher of the present invention.

However, claim 1 requires that the packet switcher is a constituent element of the wireless subscriber unit. By way of contrast, the switch 52 of Figure 4 of Bossemeyer is part of the home gateway system 20 (see Figure 1 of Bossemeyer) and does not correspond to one of the wireless subscriber units. This is also clear from Figure 4 of Bossemeyer since, for example, the television processing system 70, the home automation and security system 80 and the voice

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processing system 84 are separate entities from the switch 52. Accordingly, Bossemeyer does not disclose the packet switcher according to claim 1. It follows that even if the skilled person were motivated to combine the teaching of Bossemeyer with the teaching of Schneider, he would still not arrive at the invention according to claim 1.

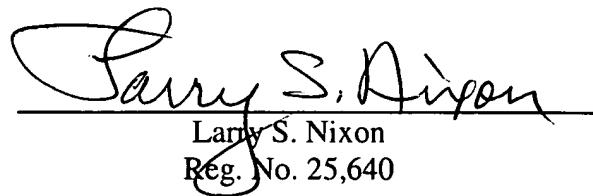
The presently claimed invention is directed to the problem of providing users with wireless access to a number of services of both a voice and a data network. Access that supports a variety of data and voice applications on a single integrated platform is facilitated by provision of wireless subscriber units comprising an analog converter operable to convert between an analog voice representation and an IP packet format and a packet switcher for packet switching and routing the IP packets. Furthermore, the PSTN gateway unit is operable to translate incoming voice packets from IP packet format into analog voice representation. This combination of features cannot be derived from any of the cited documents considered either (i) in isolation and in view of the knowledge of the skilled person or (ii) in combination.

Accordingly, this entire application is now believed to be in allowable condition and a formal notice to that effect is respectfully solicited.

Respectfully submitted,

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